

Please amend the paragraph at page 6, lines 12-15, to read as follows:

C 2 Figures 5A-5C show the amino acid sequence for the GAS36 homologs with the histidine triad regions underlined (Fig. 5(A) (SEQ ID NO: 2) and (B) (SEQ ID NO: 4)) and the sequence for a GBS36 homolog (Fig. 5(C) (SEQ ID NO: 6)) with its histidine triad regions underlined.

In the Claims:

Please amend the claims to read as follows:

g/021 25. (Twice Amended) An isolated polypeptide comprising an amino acid sequence with at least 75% sequence identity to the sequence of SEQ ID NO: 4 and wherein said polypeptide reacts with an anti-pneumococcal Sp36 antibody.

C 3 26. (Twice Amended) The isolated polypeptide of claim 25 wherein said amino acid sequence has at least 90% sequence identity to the sequence of SEQ ID NO: 4.

27. (Twice Amended) The isolated polypeptide of claim 25 wherein said amino acid sequence has at least 95% sequence identity to the sequence of SEQ ID NO: 4.

g/021 28. (Twice Amended) An isolated polypeptide comprising an amino acid sequence with at least 75% sequence identity to a sequence selected from the group consisting of SEQ ID NO: 2 and 4 wherein said polypeptide is present in an organism selected from the group consisting of Group A streptococci and *Staphylococcus aureus* and wherein said polypeptide reacts with an anti-pneumococcal Sp36 antibody.

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33. (Twice Amended) An isolated polypeptide comprising an amino acid sequence at least 75% identical to a sequence selected from the group consisting of SEQ ID NO: 2 and 4, and wherein said polypeptide has a sequence with at least 25% sequence identity to the amino acid sequence of the Sp36 protein (SEQ ID NO: 7) of *Streptococcus pneumoniae*.

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34. (Twice Amended) The isolated polypeptide of claim 33 wherein said amino acid sequence has at least 90% sequence identity to the sequence of SEQ ID NO: 2.

35. (Twice Amended) The isolated polypeptide of claim 33 wherein said polypeptide has at least 95% sequence identity to the sequence selected from the group consisting of SEQ ID NO: 2.

36. (Twice Amended) The isolated polypeptide of claim 33 wherein said polypeptide comprises the sequence of SEQ ID NO: 2.

37. (Twice Amended) An isolated polypeptide comprising an amino acid sequence selected from the group consisting of SEQ ID NO: 2 and 4.

REMARKS

Claims 25-30 and 33-37 are pending in the case and being examined. Claim 37 was found allowable.